ABSTRACT

Oscillator circuit with an LC resonant circuit 1, an activating component 2 connected to the LC resonant circuit 1, which serves to compensate for the losses occurring in the LC resonant circuit 1, where the series-configuration of both the LC resonant circuit 1 and the activating component 2 is connected by way of a current-defining element, which sets the current flowing through the activating component 2, between a first voltage VDD and a second voltage VSS, which is different from the first voltage VDD.